

Apple II Technical Notes



Developer Technical Support

Apple II GS

#10: InvalRgn Twist

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`InvalRgn(RgnHandle)` accumulates the region to which `RgnHandle` points into the update region of the current window's port; in the process, it makes the region global, thus causing problems if later calls expect the region to still be local.

The region you pass to `InvalRgn` is local to the window to which it is related; however, `InvalRgn` returns the region in global coordinates. To preserve the original region for your use after the call to `InvalRgn`, you should duplicate it and use the copy to make the call then dispose of the copy when `InvalRgn` returns. The following example demonstrates the process:

```
void MyInvalReg(RegHandle)

    handle RegHandle;
{
    handle AuxHandle;

    AuxHandle = NewRgn();           /* create room */
    CopyRgn(RegHandle,AuxHandle);   /* make a copy */
    InvalRgn(AuxHandle);          /* do it with the copy */
    DisposeRgn(AuxHandle);         /* now get rid of it! */
}
```

Further Reference

- *Apple II GS Toolbox Reference, Volume 2*